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PTO/SB/08 (2-92)
Sheet 1 of 1

Form PTO-1449

Docket Number 441472000500

Application Number 09/881,526

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

H. Ralph SNODGRASS

Filing Date June 14, 2001

Group Art Unit ~~1639~~ 1636

Mailing Date February 19, 2004

FEB 23 2004

FEB 27 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
DS	1.	Carere, A. et al. (2002). "In Vitro Toxicology Methods: Impact on Regulation From Technical and Scientific Advancements," <i>Toxicol. Lett.</i> 127(1-3):153-160.
DS	2.	Church, V. L. et al. (1999). "Different Effects of BMP Antagonists Noggin & Fetuin on the Osteogenic Differentiation of Human Marrow Mesenchymal Stem Cells," <i>26th European Symposium on Calcified Tissue, Maastricht, The Netherlands, May 7-11, 1999</i> , 64(1):S54, Abstract No. P-17.
DS	3.	Davila, J. C. et al, (1998). "Predictive Value of In Vitro Model Systems In Toxicology," <i>Annu Rev. Pharmacol. Toxicol.</i> 38:63-96.
DS	4.	Ji, X. et al. (2000). "Patterns of Gene Expression Associated with BMP-2-Induced Osteoblast and Adipocyte Differentiation of Mesenchymal Progenitor Cell 3T3-F442A," <i>J. Bone Miner. Metab.</i> 18(3):132-139.
DS	5.	Thomas, R. S. et al. (2003). "Application of DNA Microarrays For Predicting Toxicity and Evaluating Cross-Species Extrapolation," <i>Toxicogenomics</i> , Editors: Inoue and Pennie, Springer-Verlag Tokyo: Tokyo Japan. pp 31-38.
DS	6.	Tugwood, J. D. et al (2003). "Genomics and the Search for Novel Biomarkers in Toxicology," <i>Biomarkers</i> 8(2):79-82.
DS	7.	Waring, J. F. et al. (2002). "The Promise of Toxicogenomics," <i>Cur. Opin. Mol. Ther.</i> 4(3):229-235.

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DATE CONSIDERED:

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PTO/SB/ 08 (2-92)

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Form PTO 1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 441472000500

Application Number 09/381,526

Applicant

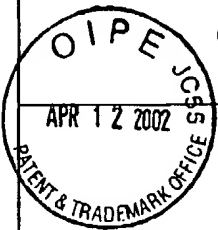
H. Ralph SNODGRASS

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Filing Date June 14, 2001

Group Art Unit 1627

Mailing Date April 3, 2002



U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
DS	1.	04/08/1998	0 834 575 A2, 3, B1	Europe	/	/	

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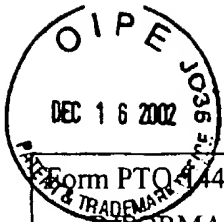
Examiner Initials	Ref. No.	Title
DS	2.	Communication Pursuant to Article 115(2) EPC. (January 15, 2002). Observations filed by a third party concerning the patentability of the invention.

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Form PTO/SB-449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 441472000500

Application Number 09/881,526

Applicant

H. Ralph SNODRASS

Filing Date June 14, 2001

Group Art Unit 1636

Mailing Date December 10, 2002

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
DS	1.	October 1, 2002	6,458,589 B1	L. Rambhatla and M. Carpenter	435	370	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
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PTO/SB/08 (2-92)

Sheet 1 of 7

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 441472000500	Application Number 09/881,526
	Applicant H. Ralph SNODGRASS	
	Filing Date June 14, 2001	Group Art Unit 1636 1636
	Mailing Date September 20, 2001	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	05/08/1979	4,153,676	Jelinek et al.	424	9.2	
	2.	11/24/1992	5,166,065	Williams et al.	435	377	
	3.	02/06/1993	5,187,077	Gearing et al.	435	69.1	
	4.	03/30/1993	5,197,985	Caplan et al.	128	898	
	5.	07/12/1994	5,328,695	Lucas et al.	424	426	
	6.	01/23/1996	5,486,359	Caplan et al.	424	93.7	
	7.	09/24/1996	5,559,022	Naughton et al.	435	376	
	8.	11/19/1996	5,576,207	Reid et al.	435	378	
	9.	08/26/1997	5,660,986	Harris et al.	435	6	
	10.	09/23/1997	5,670,372	Hogan	435	29	
	11.	11/11/1997	5,686,272	Marshall et al.	435	91.2	
	12.	01/06/1998	5,705,365	Ryder et al.	435	91.1	
	13.	11/25/1997	5,690,926	Hogan et al.	424	93.1	
	14.	04/07/1998	5,736,332	Mandecki	435	6	
	15.	04/07/1998	5,736,396	Bruder et al.	435	366	
	16.	08/04/1998	5,789,246	Reid et al.	435	325	
	17.	09/01/1998	5,800,690	Chow et al.	204	451	
	18.	09/15/1998	5,807,680	Sutcliffe et al.	435	6	
	19.	09/22/1998	5,811,231	Farr et al.	435	6	
	20.	09/29/1998	5,814,445	Belyavsky et al.	435	6	
	21.	10/27/1998	5,827,735	Young et al.	435	325	
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	23.	01/19/1999	5,861,313	Pang et al.	435	347	
	24.	12/28/1999	6,007,993	Wobus et al.	435	6	
	25.	03/07/2000	6,033,860	Lockhart et al.	435	6	
AS	26.	03/21/2000	6,040,138	Lockhart et al.	435	6	

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PTO/SB/08 (2-92)

Sheet 2 of 7

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 441472000500	Application Number 09/881,526
	Applicant H. Ralph SNODGRASS	
	Filing Date June 14, 2001	Group Art Unit <u>1632/1636</u>
	Mailing Date September 20, 2001	

<u>DS</u>	27.	05/30/2000	6,069,005	Reid et al.	<u>435</u>	<u>325</u>	
<u>DS</u>	28.	09/09/2001	6,171,858 B1	Hölzle et al.	<u>435</u>	<u>349</u>	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
<u>DS</u>	29.	11/22/1994	JP 06,319,535	Japan			Abstract	
	30.	05/30/1996	WO 96/16162	PCT				
	31.	07/25/1996	WO 96/22362	PCT				
	32.	01/16/1997	WO 97/01644	PCT				
	33.	04/17/1997	WO 97/13877	PCT				
	34.	05/01/1997	WO 97/15690	PCT				
	35.	08/28/1997	DE 19606207 A1	Germany			Abstract	
	36.	12/18/1997	WO 97/47734	PCT				
	37.	02/26/1998	WO 98/07841	PCT				
	38.	07/07/1998	JP 10,179,150	Japan			Abstract	
<u>DS</u>	39.	01/20/2000	WO 00/03001	PCT				

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<u>DS</u>	45.	Brill et al., (1994) "Extracellular Matrix Regulation of Growth and Gene Expression in Liver Cell Lineages and Hepatomas" in <i>The Liver Biology and Pathobiology</i> pp. 869-897. (Arias et al., Third

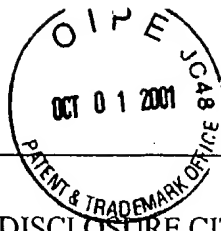
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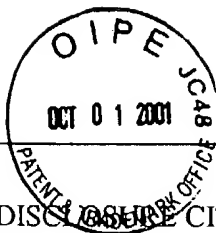
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant H. Ralph SNODGRASS	
		Filing Date June 14, 2001	Group Art Unit 1632 1636
		Mailing Date September 20, 2001	
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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 441472000500	Application Number 09/881,526
	Applicant H. Ralph SNODGRASS	
	Filing Date June 14, 2001	Group Art Unit 1632/636
	Mailing Date September 20, 2001	

DS	62.	Innis et al., eds. (1990) <u>PCR Protocols: A Guide to Methods and Applications</u> . Academic Press, Inc., San Diego, CA., pp. v-x (Table of Contents)..
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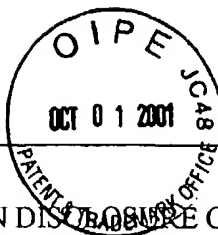
Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 441472000500	Application Number 09/881,526
	Applicant H. Ralph SNODGRASS	
	Filing Date June 14, 2001	Group Art Unit 162 / 1636
	Mailing Date September 20, 2001	

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	Applicant H. Ralph SNODGRASS	
	Filing Date June 14, 2001	Group Art Unit 1621/636
	Mailing Date September 20, 2001	

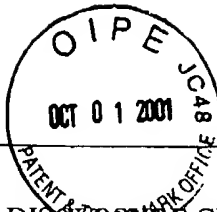
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EXAMINER:

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PTO/SB/08 (2-92)

Sheet 7 of 7

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 441472000500

Application Number 09/881,526

Applicant

H. Ralph SNODGRASS

Filing Date June 14, 2001

Group Art Unit 1632 1636

Mailing Date September 20, 2001

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PTO/SB/08 (2-92)

Sheet 1 of 1

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 414472000500

Application Number 09/088,526

Applicant

H. Ralph SNODGRASS

Filing Date June 14, 2001

Group Art Unit 1621

Mailing Date February 22, 2002

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
DS	1.	09/22/1998	5,811,297	Gopal	435	325	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	2.	03/04/1999	WO 99/10535 A1	WIPO			
	3.	05/14/1999	WO 99/23254 A1	WIPO			
	4.	06/03/1999	WO 99/27090 A1	WIPO			
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	6.	05/25/2000	WO 00/29002 A2,3	WIPO			

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DS	7.	Flint, O.P. (1998). "Predicting <i>In Vivo</i> Toxicity," <i>Toxicology in Vitro</i> 12:591-595.
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